

# ENF Environmental Notification Form

*For Office Use Only*  
 Executive Office of Environmental Affairs

EOEA No.: *14296*  
 MEPA Analyst: *Anne Canaday*  
 Phone: 617-626-*1035*

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Shoreline Stabilization		
Street: 372-376 Merrimac Street		
Municipality: Newburyport	Watershed: North Coastal	
Universal Transverse Mercator Coordinates:	Latitude: N 42d 49' Longitude: W 70d 53'	
Estimated commencement date: Winter 2008	Estimated completion date: Spring 2009	
Approximate cost: \$230,000	Status of project design: 80 %complete	
Proponent: Ganton, LLC		
Street: 210 Commerce Way Suite 100		
Municipality: Portsmouth	State: NH	Zip Code: 03801
Name of Contact Person From Whom Copies of this ENF May Be Obtained: David Smith, Project Manager		
Firm/Agency: Vine Associates, Inc.	Street: 372 Merrimac Street	
Municipality: Newburyport	State: MA	Zip Code: 01950
Phone: 978-465-1428	Fax: 978-465-2640	E-mail: dsmith@vineassociates.net

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?  
 Yes  No
- Has this project been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Has any project on this site been filed with MEPA before?  
 Yes (EOEA No. 8499)  No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8))  Yes  No
  - a Special Review Procedure? (see 301CMR 11.09)  Yes  No
  - a Waiver of mandatory EIR? (see 301 CMR 11.11)  Yes  No
  - a Phase I Waiver? (see 301 CMR 11.11)  Yes  No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): None

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_ )  No

List Local or Federal Permits and Approvals:

Conservation Commission Notice of Intent, Army Corp Permit

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- |                                 |  |  |
|---------------------------------|--|--|
| <input type="checkbox"/> Land   | <input checked="" type="checkbox"/> Rare Species** | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater                | <input type="checkbox"/> Transportation                              |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air                       | <input type="checkbox"/> Solid & Hazardous Waste                     |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations               | <input type="checkbox"/> Historical & Archaeological Resources       |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	4.12			
New acres of land altered***		0		
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		4,809		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
<b>TRANSPORTATION</b>				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

**CONSERVATION LAND:** Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

- Yes (Specify \_\_\_\_\_)  No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

- Yes (Specify \_\_\_\_\_)  No

\*\*Under MESA Review      \*\*\*Coastal Bank is previously altered.

**RARE SPECIES:** Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify: Project was sent to MESA for review on July 2008.)  No

**HISTORICAL /ARCHAEOLOGICAL RESOURCES:** Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify \_\_\_\_\_)  No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify \_\_\_\_\_)  No

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:** Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify \_\_\_\_\_)  No

**PROJECT DESCRIPTION:** The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

The proposed project involves the placement of stone revetment on an eroding coastal bank fronting the Ferraz Shawmut facility located at 372-376 Merrimac St. along the Merrimack River in Newburyport, MA. The shoreline stabilization would occur landward of existing salt marsh areas and is needed to protect the facility from damage due to erosion.

**PROJECT NARRATIVE**

**SHORELINE STABILIZATION**  
**NEWBURYPORT, MASSACHUSETTS**

**A. INTRODUCTION**

Vine Associates, Inc. (VAI), was retained by the Ganton, LLC, to provide surveying, permitting and design services for the proposed shoreline stabilization on the site as shown on the attached Project Drawing in Attachment 4. The site is located along the shoreline fronting the Ferraz-Shawmut complex at 372-276 Merrimac Street between the Merri-Mar Yacht Basin to the east and the Yankee Landing Marina to the west along the shoreline of the Merrimack River west of US Route 1 in Newburyport, Massachusetts.

The following provides a detailed description of the existing site and the proposed project, as well as a description of the resource areas and any potential impacts to those resources that may result from this project.

**B. EXISTING CONDITIONS**

Engineers from Vine Associates, Inc. (VAI) performed a survey of the site on August 2007 and May 2008 to locate and evaluate general site features including but not limited to; existing topography, wetland resources and areas of bank erosion. The survey involved land-based equipment with and was performed at low tide.

The area landward of the proposed bank stabilization is a developed parcel that contains the Ferraz-Shawmut complex that was constructed in 1958. The building, a 2 story brick structure containing manufacturing, office and storage space is set-back approximately six to eighty-five feet from the existing top of slope of the Merrimack River.

The top of the bank consists of a grassy, level grade. The area between the building and the grass mainly consists of packed crushed stone and sand, and deteriorating bituminous pavement. The bank extends along the entire shoreline for approximately 550 linear feet. Portions of the bank are vegetated, and there are small areas that contain salt marsh, but for the most part it consists of dumped piles of stone and debris.

The unprotected shoreline has experienced significant erosion over the past several years from severe coastal storms that have left approximately six feet of grade between the top of the coastal bank and a portion of the existing building. This has led to restricted travel for maintenance and emergency vehicles, and if not resolved could result in future building damage and/or collapse.

**C. PROPOSED WORK**

The proposed project includes the placement of stone revetment to stabilize the existing eroded slope. (See Attachment 4 – Project Drawings). The revetment would be placed landward of the

existing salt marsh. It is anticipated that work would be performed over the Fall/Winter of 2008 season pending permitting and funding approvals.

#### **D. RESOURCE AREAS**

The proposed work will take place within the following resource areas:

##### *Coastal Bank (310 CMR 10.30)*

The proposed work will clean the piles of debris currently on the Coastal Bank. Construction will involve the placement of 4,809 square feet of rip-rap stones to the previously altered shoreline. The coastal bank does not provide a significant source of sediment to the coastal beach, coastal dune, or barrier beach resources. The existing salt marsh will remain in place.

##### *Land Subject to Coastal Storm Flowage*

The proposed impact to Land Subject to Coastal Storm Flowage will involve approximately 4,809 square feet of stone revetment placed for shoreline stabilization. The Land Subject to Coastal Storm Flowage would encompass less than 3 percent of the entire resource area. State wetland and local regulations do not impose any performance standards for work in such areas.

The impacts to the previously altered resource areas are minimal and will not cause any significant permanent impacts. The shoreline stabilization will be constructed general above the intertidal zone approximately six feet to eighty-five feet away from the developed shoreline. No impacts to trees or fish runs are to be proposed. Any impacts associated with construction activities will be temporary and the site will be restored to its pre-construction condition.

#### **E. CONCLUSIONS**

The purpose of the proposed project is to restore a damaged, eroding shoreline in order to protect an existing building damage caused by erosion from future coastal storms.